

Residue Testing Services Market to Reach USD 2.67 Billion by 2035, Growing at 5.0% CAGR | Future Market Insights, Inc.

The USA's strong agricultural sector and strict residue testing regulations drive market growth, supported by government programs and increased SME awareness.

NEWARK, DE, UNITED STATES, January 13, 2025 /EINPresswire.com/ -- The global [Residue Testing Services market](#) is projected to reach a value of USD 1,639.44 million by 2025, with expectations to grow to USD 2,673.27 million by 2035, reflecting a CAGR of 5.0% from 2025 to 2035.

Residue testing services involve the identification, quantification, and detection of chemical residues in goods, raw materials, or environmental samples. These services are vital across several industries, including environmental research, food and beverage, pharmaceuticals, and agriculture, to ensure safety, maintain product quality, and comply with regulatory standards.

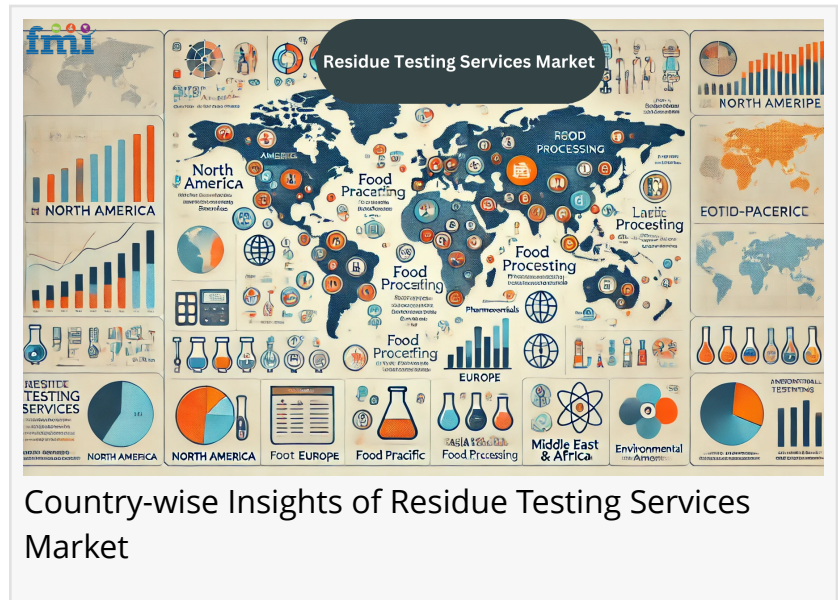
Chemical residues are trace amounts of substances left behind after the use or application of various products, such as industrial chemicals, fertilizers, pesticides, veterinary drugs, and cleaning agents. While many of these chemicals are crucial for production and safety, if not properly managed, they can present health risks to humans, animals, and the environment. Therefore, continuous monitoring of these residues to ensure compliance with Maximum Residue Limits (MRL) is essential for safeguarding public health and environmental well-being.

The global Residue Testing Services Market is experiencing significant growth due to the increasing demand for safety and quality assurance in food, pharmaceuticals, and



Residue Testing Services Market Analysis

environmental sectors. Residue testing services play a crucial role in detecting harmful contaminants such as pesticides, heavy metals, antibiotics, and other chemicals in various products. With stringent regulations in place to ensure the safety of consumers and the environment, the demand for residue testing services is expected to see a steady rise over the next few years.



Country-wise Insights of Residue Testing Services Market

"The increasing implementation of food safety and environmental regulations, coupled with advancements in high-sensitivity analytical tools, will drive the residue testing services market from 2025 to 2035. The adoption of portable, on-site testing solutions and the growing need to address emerging contaminants like microplastics and pharmaceutical residues will further bolster market growth. Integrating residue testing with precision agriculture and smart farming technology will also play a crucial role in meeting regulatory requirements while minimizing waste and environmental impact. ", - says Nandini Roy Choudhury, Client Partner at Future Market Insights

Market Demand and Key Drivers:

The surge in consumer awareness regarding food safety, health risks associated with chemical contamination, and the implementation of stricter government regulations are the major drivers of this market. Furthermore, the expanding global trade of agricultural products, pharmaceuticals, and consumer goods has led to an increased need for residue testing to meet international safety standards.

Additionally, industries such as agriculture, food processing, and pharmaceuticals are increasingly leveraging advanced technologies like chromatography, mass spectrometry, and immunoassays for residue detection. These advancements are driving the growth of the market as they offer higher accuracy, reliability, and efficiency.

Growth Factors:

1. **Regulatory Pressure:** Governments and regulatory bodies worldwide are enforcing stricter guidelines to ensure the safety of products, further elevating the demand for residue testing.
2. **Technological Advancements:** The adoption of modern technologies in residue testing, including automation and advanced analytical methods, is expected to continue driving growth in this sector.
3. **Consumer Demand for Safety:** Growing concerns about health risks, foodborne illnesses, and

environmental contamination have led to increased consumer demand for products that are tested and certified safe.

4. Increasing Trade and Export: The globalization of food and pharmaceutical products has created a need for residue testing to meet international compliance requirements, boosting the market's expansion.

Key Takeaways for Investors:

- **Promising Growth:** The residue testing services market is forecasted to experience significant growth, with a projected market value of USD 4.5 billion by 2028, growing at a CAGR of 7.2% from 2025 to 2028.
- **Technological Advancements:** Investments in cutting-edge technologies such as artificial intelligence (AI) and machine learning (ML) are likely to enhance the accuracy and efficiency of testing, making this a lucrative segment for technology-driven companies.
- **Rising Demand for Food Safety:** As food safety becomes a top priority globally, especially with the growing number of food recalls, the demand for residue testing services will continue to rise.
- **India and Brazil** are expected to experience the fastest growth, driven by expanding agricultural and food industries.
- **The USA and China** will continue to maintain a strong market presence with steady growth, underpinned by regulatory compliance needs.
- **Japan** will see moderate growth, fueled by technological advancements and regulatory measures.

Regional Growth Forecast: Residue Testing Services Market (2025-2035)

The Residue Testing Services Market is expected to experience varied growth across different regions, with each country showcasing unique growth dynamics.

Below are the CAGR projections from 2025 to 2035 for key countries:

- **United States:** With a CAGR of 5.1%, the U.S. is projected to maintain a steady growth rate in the residue testing services market. This growth is driven by stringent regulatory standards, particularly in food safety, pharmaceuticals, and environmental monitoring.
- **Brazil:** Leading with a CAGR of 6.1%, Brazil is expected to see a significant rise in demand for residue testing services. The country's agricultural sector, which is one of the largest globally, continues to be a major driver as producers seek compliance with international safety standards and growing consumer demand for traceable and safe food products.
- **India:** With the highest projected growth at 7.2% CAGR, India is expected to see rapid expansion in its residue testing services market. This growth is largely attributed to the increasing agricultural activities, the expansion of the food processing industry, and greater government focus on food safety regulations.
- **Japan:** Japan's market for residue testing services is expected to grow at a CAGR of 6.1%,

supported by its robust regulatory framework, especially in the food and beverage industry, and increasing concerns over environmental pollution, which drive demand for regular testing and monitoring.

- China: China, with a CAGR of 5.2%, is set to experience steady growth in the residue testing services market. The country's fast-growing food and pharmaceutical industries, along with its strict environmental and food safety regulations, continue to fuel the demand for residue testing.

Access the Full Report Market Trends and Projections Now!

<https://www.futuremarketinsights.com/reports/residue-testing-market>

Competition Outlook

The competition landscape of the Residue Testing Services market is intense. Bureau Veritas S.A., Eurofins Scientific, and Intertek Group PLC, among others, are some of the major market players and contribute significantly in terms of research & development investment in innovative testing technologies.

Such companies primarily concentrate on offering residue testing services that are free of artificial additives in order to meet the growing customer demand for healthier and more transparent products.

Another strategy adopted by the market participants is the creation of online databases of all the results obtained from the testing conducted by them. This endeavor has helped to grow client trust and the brand value of any player operating in the residue testing service market.

Future complete service providers will benefit more from suppliers that can do residue testing and field trials. Through the combined outsourcing of residue testing and field trials to these vendors, the industry can take advantage of bulk reductions, simplified supplier relationship management, etc.

For instance:

- In August 2023, ALS Limited successfully acquired Proanaliz. ALS Limited is a prominent provider of testing services, strengthening its position in the food testing sector. This strategic move is anticipated to enhance the company's service offerings and expand its market presence globally.
- In October 2021, Eurofins Analytical Services introduced a mobile residue monitoring laboratory to aid farmers and exporters with faster and more accurate testing services near farms and purchasing markets. The mobile pesticide residue monitoring lab is equipped with extremely advanced tools such as LCMSMS and GCMSMS, with the potential to test 500+ chemical residues.

Leading Service Brands

- SGS S.A.
- ALS Limited
- Eurofins Scientific

- AB SCIEX
- Bureau Veritas S.A.
- Intertek Group plc.
- Arbro Pharmaceuticals Private Limited
- Fera Science Limited
- AGQ Labs USA
- Waters Agricultural Laboratories
- Scicorp Laboratories PTY Ltd.
- Others

Key Segments of the Report

By Product Type:

As per Product Type, the industry has been categorized into Pesticides, Toxins, Allergens, Heavy Metals, and Others.

By Technology:

As per Technology, the industry has been categorized into Chromatography, Immunoassay, Spectroscopy, and Others.

By Application:

This segment is further categorized into Animal Feed, Pet Food, Dairy, Processed Foods, Agricultural Crops, and Others.

By Region:

Industry analysis has been carried out in key countries of North America, Latin America, Western Europe, Eastern Europe, East Asia, South Asia & Pacific, Central Asia, Russia and Belarus, Balkan & Baltics, and the Middle East & Africa.

Explore FMI's related ongoing Coverage in Food and Beverage Domain:

The global [food testing services industry](#) is estimated to be worth USD 23.5 billion by 2024. It is projected to reach USD 53.2 billion by 2034, reflecting a CAGR of 8.5% over the assessment period 2024 to 2034.

The global [food safety testing services market](#) is presently valued at USD 15,836.90 million in 2023. Demand for food safety testing services is expected to surge at a 7.0% CAGR between 2023 and 2033, accumulating USD 30,061.73 million by 2033.

About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors

that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 400 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries.

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